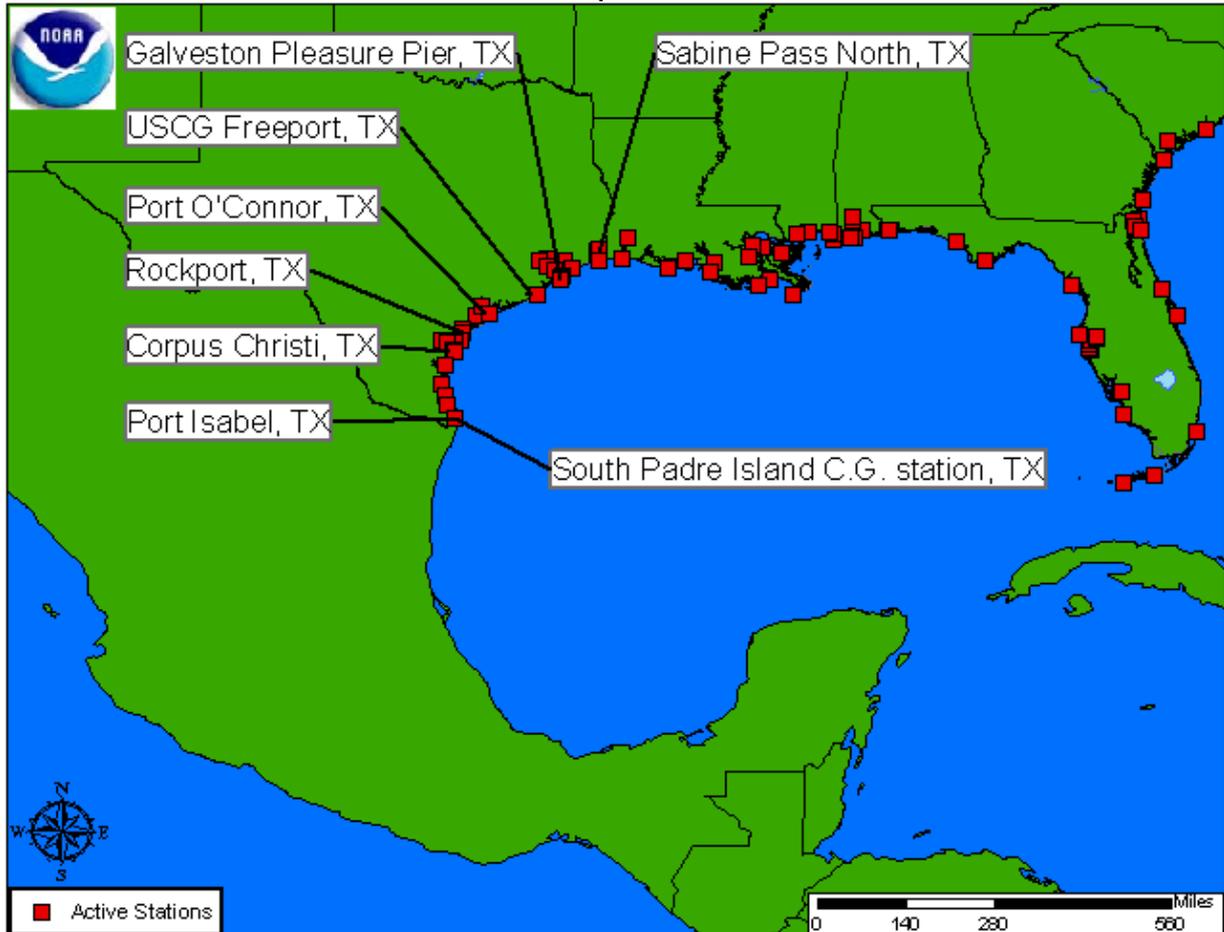




Tropical Storm ALEX QuickLook  
Posted: 11:00 CDT 07/01/2010

NOAA and NOAA Partnership Stations Relative to the Storm



**Storm Analysis**

**Alex made landfall in the municipality of Soto La Marina Mexico shortly before 2000 CDT on 06/30/2010. ALEX weakens as it continues to move inland over northeastern Mexico.**

**No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new Tropical Storm Warning for the U.S. (or U.S. Territories) Coastline.**

**As of 07/01/2010 11:00 CDT, water levels along the Texas coast are falling and are returning to be near the predicted levels.**

**Water levels in bays and associated waterways may include impacts from hydrological forces, including rainfall runoff. For additional hydrological information see NWS Advanced Hydrologic Prediction Services or National Weather Service Forecast Office.**

**Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:**

**Port Isabel, TX: Next predicted high tides are 0.94 ft (0.29 m) at 07/02/2010 09:03 CDT and 0.65 ft (0.20 m) at 07/02/2010 19:04 CDT.**

**South Padre Island C.G. Station, TX: Next predicted high tides are 0.78 ft (0.24 m) at 07/02/2010 08:56 CDT and 0.44 ft (0.13 m) at 07/02/2010 19:26 CDT.**

**Corpus Christi, TX: Next predicted high tides are 0.79 ft (0.24 m) at 07/01/2010 17:45 CDT and 1.15 ft (0.35 m) at 07/02/2010 08:03 CDT.**

**Rockport, TX: Next predicted high tides are 0.14 ft (0.04 m) at 07/01/2010 12:41 CDT and 0.14 ft (0.04 m) at 07/01/2010 19:46 CDT.**

**Port O'Connor, TX: Next predicted high tides are 0.41 ft (0.12 m) at 07/01/2010 12:29 CDT and 0.34 ft (0.10 m) at 07/02/2010 11:20 CDT.**

**USCG Freeport, TX: Next predicted high tides are 0.83 ft (0.25) at 07/01/2010 17:49 CDT and 1.31 ft (0.40) at 07/02/2010 08:25 CDT.**

**Galveston Pleasure Pier, TX: Next predicted high tides are 1.06 ft (0.32) at 07/01/2010 19:11 CDT and 1.63 ft (0.50) at 07/02/2010 08:36 CDT.**

**Sabine Pass North, TX: Next predicted high tides are 1.00 ft (0.30) at 07/01/2010 18:42 CDT and 1.35 ft (0.41) at 07/02/2010 08:50 CDT.**

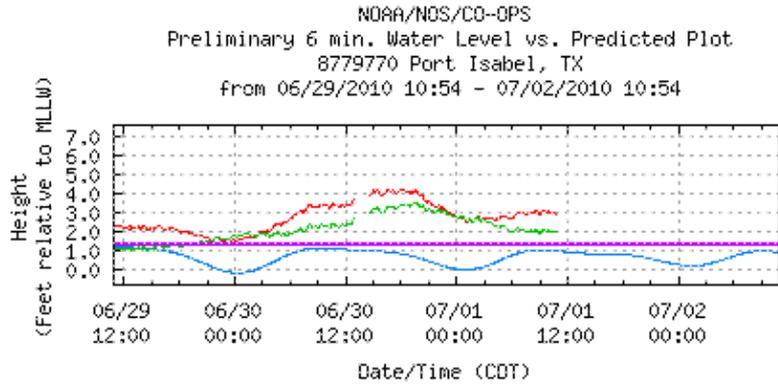
**For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.**

**Analyst:MPM**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [South Padre Island C.G Station - Water Level](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Sabine Pass North - Air/Water Temp](#).

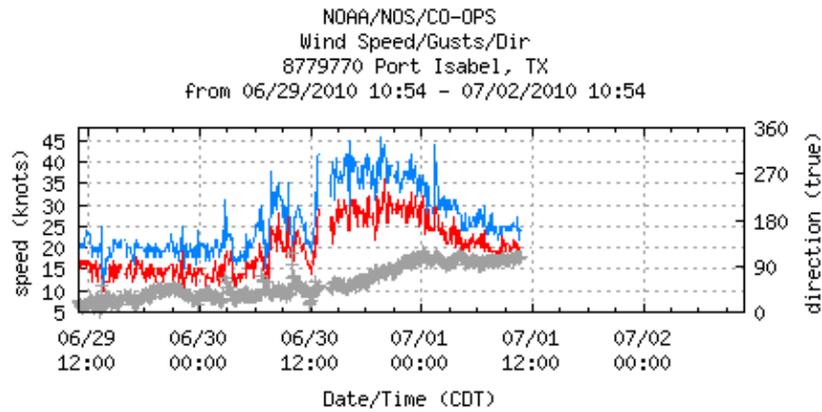
**Port Isabel, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 10:42 (CDT)  
 Relative to **MLLW**: **Observed: 2.91 ft. Predicted: 0.96 ft. Residual: 1.95 ft.**  
 Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above **MHHW**

**Port Isabel, TX** - [Return to List](#)

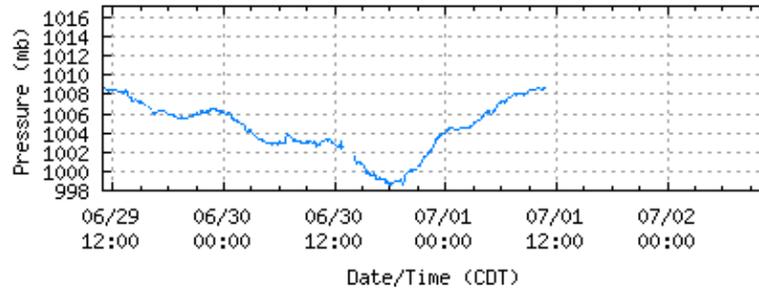


speed ——— gusts ——— direction +

Last Observed Sample: 07/01/2010 10:42 (CDT)  
**Wind Speed: 17 knots Gusts: 24 knots Direction: 108° T**

**Port Isabel, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8779770 Port Isabel, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



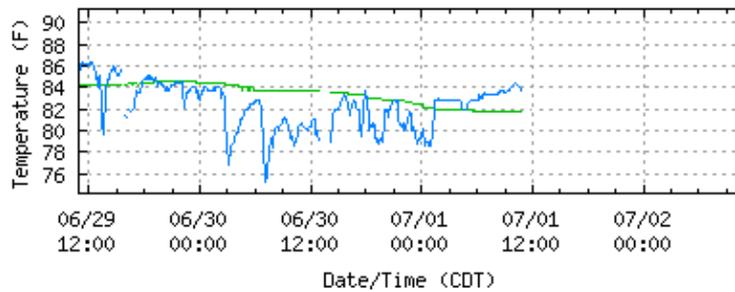
barometric pressure —

Last Observed Sample: 07/01/2010 10:42 (CDT)

Barometric Pressure: 1008.6 mb

**Port Isabel, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8779770 Port Isabel, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54

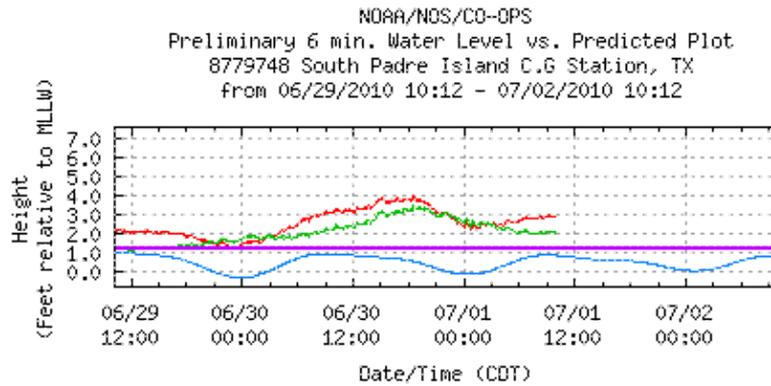


water temp. — air temp —

Last Observed Sample: 07/01/2010 10:42 (CDT)

Water Temperature: 81.7° F Air Temperature: 83.8° F

**South Padre Island C.G Station, TX** - [Return to List](#)



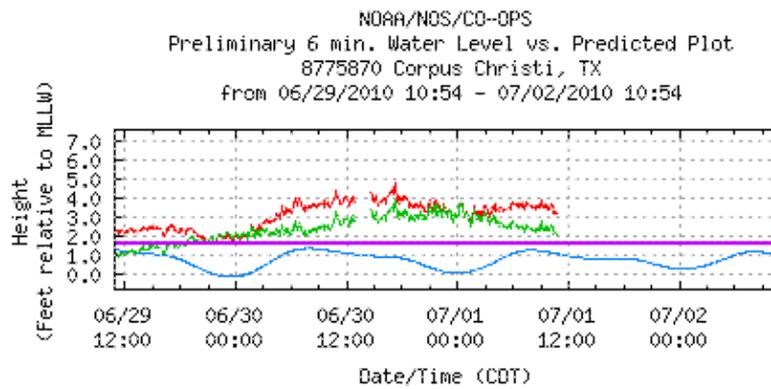
Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 09:54 (CDT)

Relative to **MLLW**: **Observed: 2.84 ft. Predicted: 0.82 ft. Residual: 2.02 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

**Corpus Christi, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

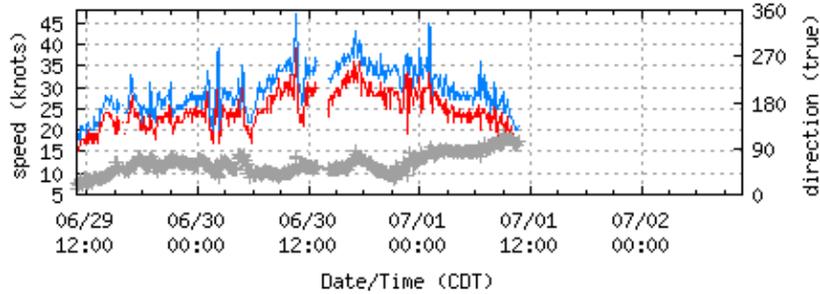
Last Observed Sample: 07/01/2010 10:42 (CDT)

Relative to **MLLW**: **Observed: 3.12 ft. Predicted: 1.04 ft. Residual: 2.08 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above **MHHW**

**Corpus Christi, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Wind Speed/Gusts/Dir  
8775870 Corpus Christi, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



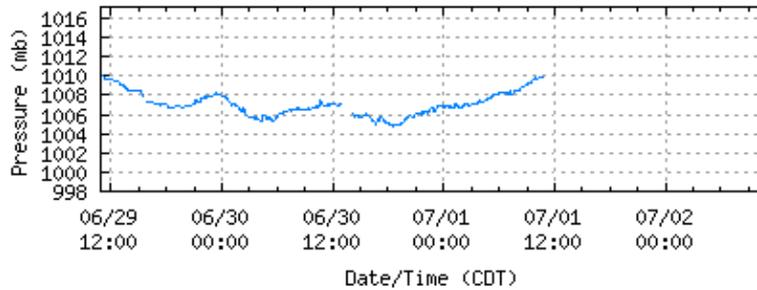
speed — gusts — direction +

Last Observed Sample: 07/01/2010 10:42 (CDT)

Wind Speed: 18 knots Gusts: 21 knots Direction: 104° T

**Corpus Christi, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8775870 Corpus Christi, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



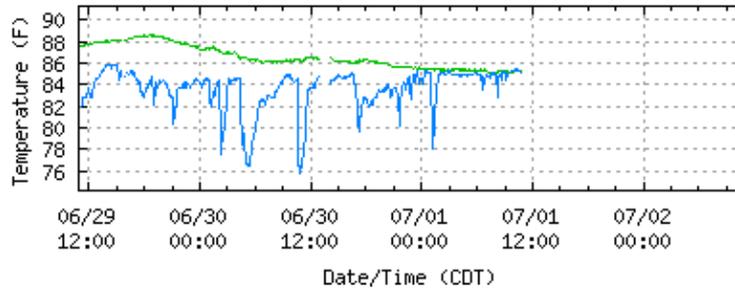
barometric pressure —

Last Observed Sample: 07/01/2010 10:42 (CDT)

Barometric Pressure: 1009.9 mb

**Corpus Christi, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Air/Water Temperature Plot  
 8775870 Corpus Christi, TX  
 from 06/29/2010 10:54 - 07/02/2010 10:54



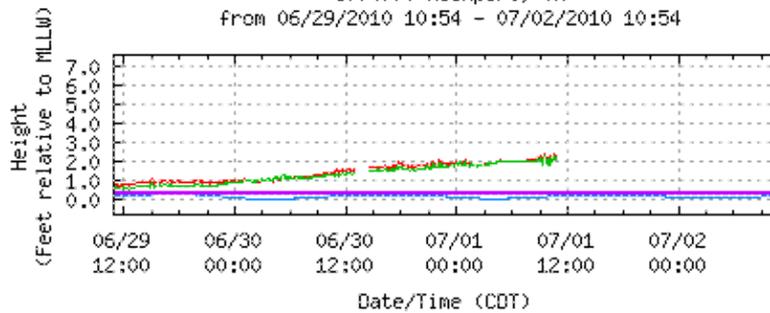
water temp. ——— air temp ———

Last Observed Sample: 07/01/2010 10:42 (CDT)

Water Temperature: 85.3° F Air Temperature: 85.1° F

**Rockport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8774770 Rockport, TX  
 from 06/29/2010 10:54 - 07/02/2010 10:54



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

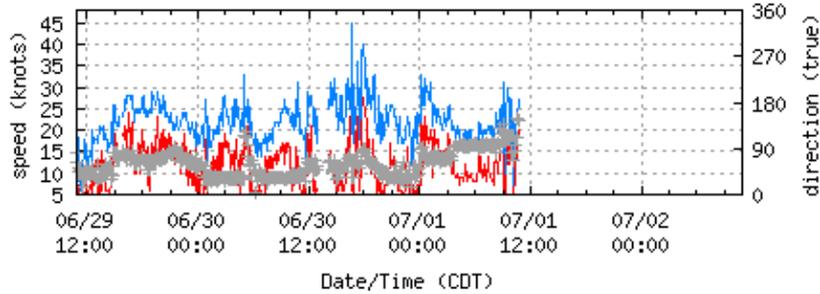
Last Observed Sample: 07/01/2010 10:42 (CDT)

Relative to **MLLW**: Observed: 2.18 ft. Predicted: 0.13 ft. Residual: 2.05 ft.

Historical Maximum Water Level: Aug 10 1980, 3.74 ft. above **MHHW**

**Rockport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Wind Speed/Gusts/Dir  
8774770 Rockport, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



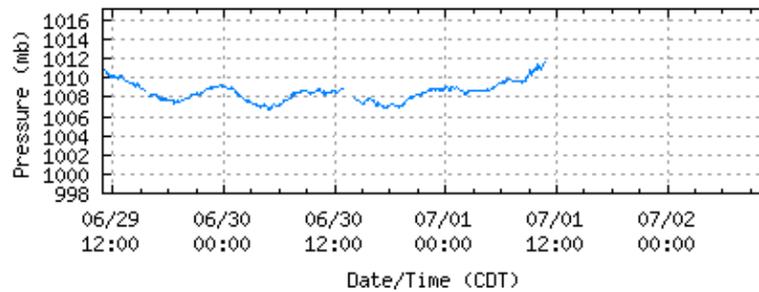
speed — gusts — direction +

**Last Observed Sample: 07/01/2010 10:42 (CDT)**

**Wind Speed: 20 knots Gusts: 27 knots Direction: 143° T**

**Rockport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8774770 Rockport, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



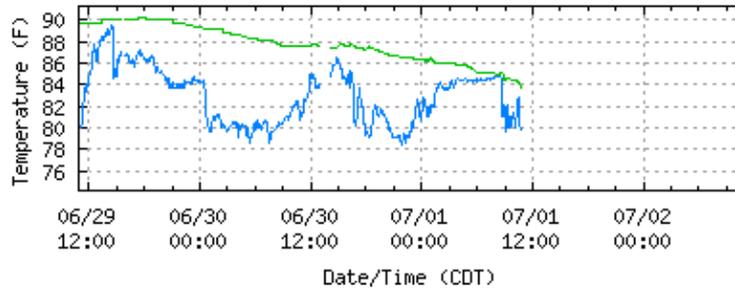
barometric pressure —

**Last Observed Sample: 07/01/2010 10:42 (CDT)**

**Barometric Pressure: 1011.7 mb**

**Rockport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Air/Water Temperature Plot  
 8774770 Rockport, TX  
 from 06/29/2010 10:54 - 07/02/2010 10:54



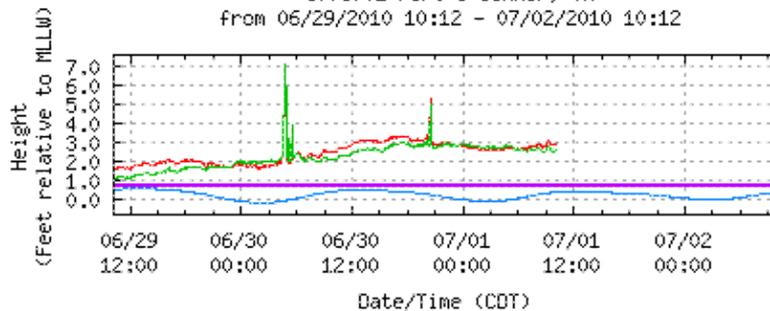
water temp. — air temp —

Last Observed Sample: 07/01/2010 10:42 (CDT)

Water Temperature: 83.8° F Air Temperature: 79.9° F

**Port O'Connor, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8773701 Port O'Connor, TX  
 from 06/29/2010 10:12 - 07/02/2010 10:12



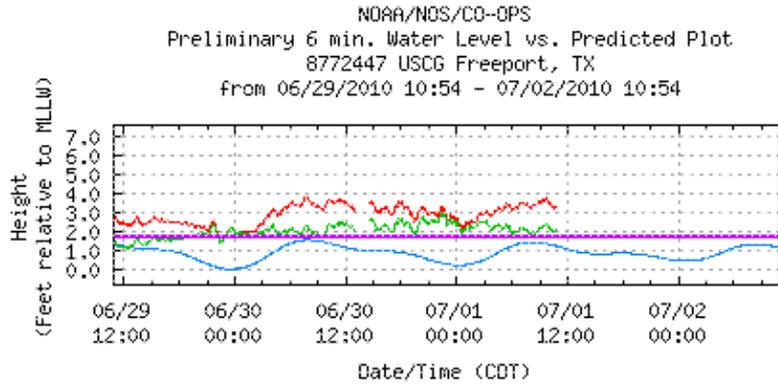
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 07/01/2010 10:00 (CDT)

Relative to **MLLW**: Observed: 2.90 ft. Predicted: 0.35 ft. Residual: 2.55 ft.

Historical Maximum Water Level: , 0 ft. above **MHHW**

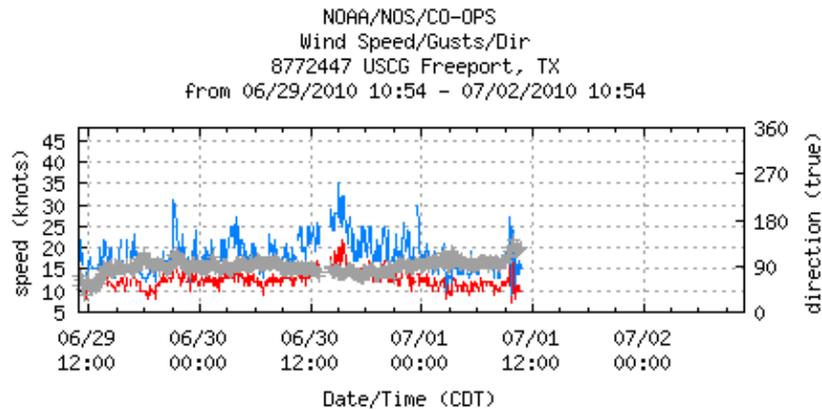
**USCG Freeport, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 10:42 (CDT)  
 Relative to **MLLW**: **Observed: 3.25 ft. Predicted: 1.22 ft. Residual: 2.03 ft.**  
 Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above **MHHW**

**USCG Freeport, TX** - [Return to List](#)

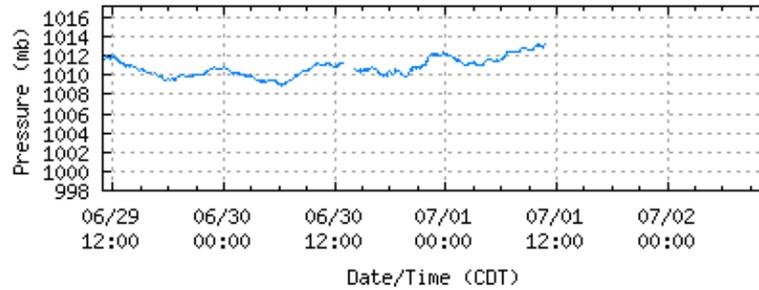


speed ——— gusts ——— direction +

Last Observed Sample: 07/01/2010 10:42 (CDT)  
**Wind Speed: 10 knots Gusts: 16 knots Direction: 127° T**

**USCG Freeport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8772447 USCG Freeport, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



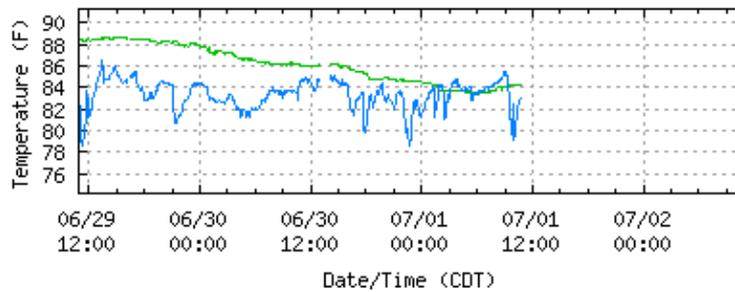
barometric pressure —

**Last Observed Sample: 07/01/2010 10:42 (CDT)**

**Barometric Pressure: 1013.2 mb**

**USCG Freeport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Air/Water Temperature Plot  
8772447 USCG Freeport, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54

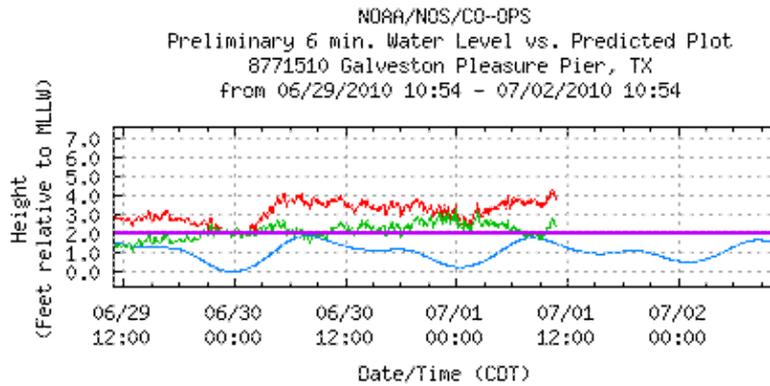


water temp. — air temp —

**Last Observed Sample: 07/01/2010 10:42 (CDT)**

**Water Temperature: 84.2° F Air Temperature: 83.1° F**

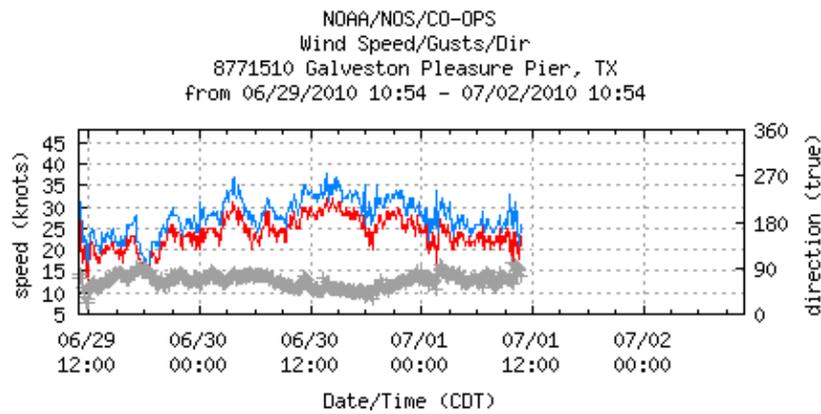
**Galveston Pleasure Pier, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 10:42 (CDT)  
 Relative to **MLLW**: **Observed: 3.77 ft. Predicted: 1.45 ft. Residual: 2.32 ft.**  
 Historical Maximum Water Level: Sep 11 1961, 7.16 ft. above **MHHW**

**Galveston Pleasure Pier, TX** - [Return to List](#)

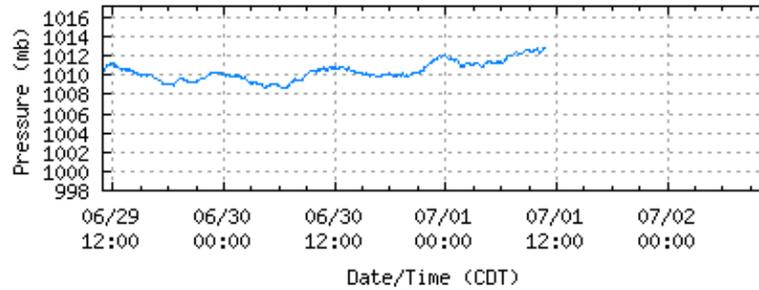


speed ——— gusts ——— direction +

Last Observed Sample: 07/01/2010 10:42 (CDT)  
**Wind Speed: 23 knots Gusts: 26 knots Direction: 076° T**

**Galveston Pleasure Pier, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8771510 Galveston Pleasure Pier, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



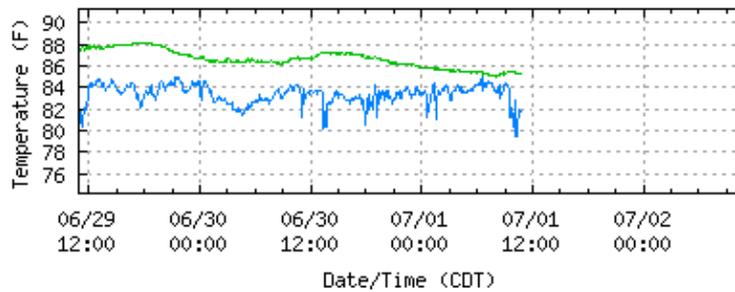
barometric pressure —

**Last Observed Sample: 07/01/2010 10:42 (CDT)**

**Barometric Pressure: 1012.9 mb**

**Galveston Pleasure Pier, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8771510 Galveston Pleasure Pier, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54

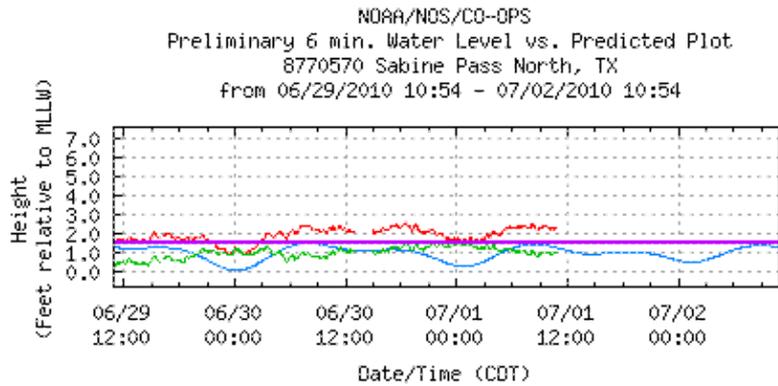


water temp. — air temp —

**Last Observed Sample: 07/01/2010 10:42 (CDT)**

**Water Temperature: 85.3° F Air Temperature: 81.8° F**

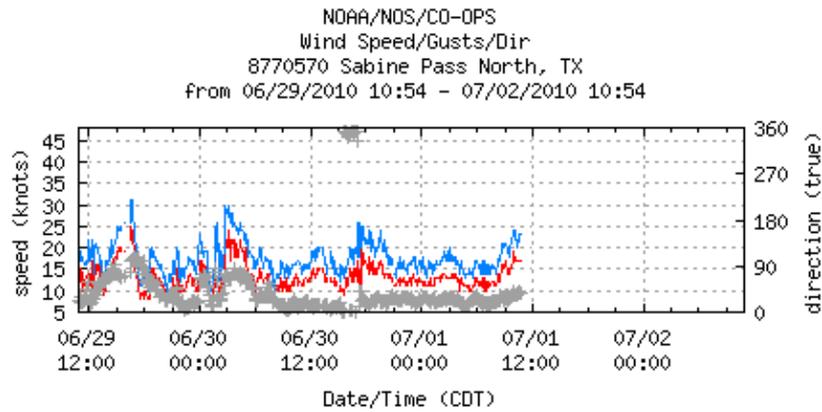
**Sabine Pass North, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 10:42 (CDT)  
 Relative to **MLLW**: **Observed: 2.25 ft. Predicted: 1.24 ft. Residual: 1.01 ft.**  
 Historical Maximum Water Level: Sep 11 1998, 3.32 ft. above **MHHW**

**Sabine Pass North, TX** - [Return to List](#)

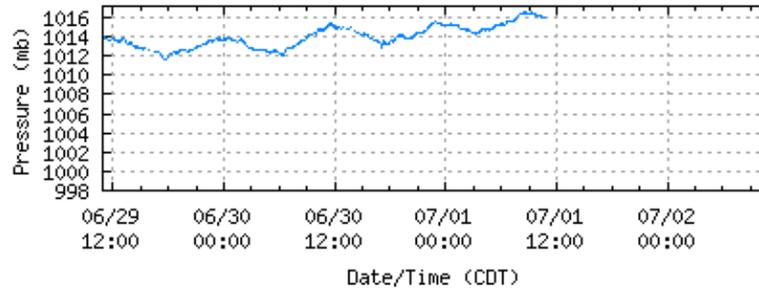


speed ——— gusts ——— direction +

Last Observed Sample: 07/01/2010 10:42 (CDT)  
**Wind Speed: 17 knots Gusts: 23 knots Direction: 037° T**

**Sabine Pass North, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8770570 Sabine Pass North, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



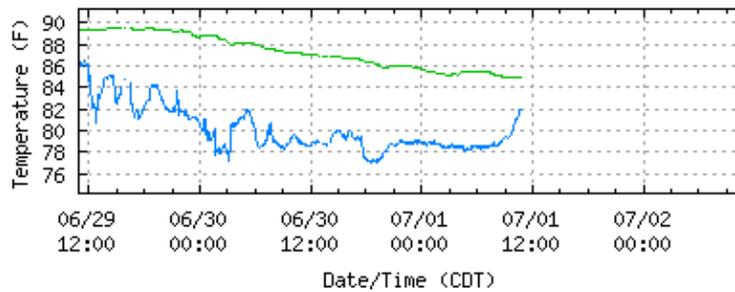
barometric pressure —

Last Observed Sample: 07/01/2010 10:42 (CDT)

Barometric Pressure: 1016.1 mb

**Sabine Pass North, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8770570 Sabine Pass North, TX  
from 06/29/2010 10:54 - 07/02/2010 10:54



water temp. — air temp —

Last Observed Sample: 07/01/2010 10:42 (CDT)

Water Temperature: 84.9° F Air Temperature: 82.0° F

# Tropical Storm ALEX QuickLook, POSTED 11:00 CDT 07/01/2010

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce